

Amendments to the Specification:

Please replace paragraph [0040] with the following amended paragraph:

[0040] Communications network **26** may include a receiving system, for example, terrestrial antenna **36** or satellite **38** and satellite receiver **40**, network path **42**, and network operations center **44**. Event message **34** is relayed by network operations center **44** of communications network **26** to Internet **46** or another communications network or connection that transmits event message **34** to processing system **28**. Processing system **28** processes event message **34** and accesses database ~~[[30]]~~ **29**, which matches event message **34** with an event location, to produce notification message **30**. Notification message **30** relates to the sensed event and may be transmitted through Internet **46** or another communications network or connection to notification recipient **48**, such as a maintenance dispatch personnel.

Please replace paragraph [0043] with the following amended paragraph:

[0043] Extending from circuit board **54** and sealably protruding through enclosure **50** are ground wire **62**, sensor wire **64**, and antenna cable **66** (Fig. 2A). Ground wire **62** and sensor wire **64** may include weight **68** on the distant end to support extension of the wires **62** and **64** below sensor module **22**. In the exemplary embodiment, ground wire **62** includes at least one portion of exposed wire **63** to provide reliable grounding with the liquid being sensed. Sensor wire **64** is an element of capacitive probe **70** ~~(Fig. 5)~~ (Fig. 5A) and sensor wire **64** is, therefore, fully insulated by dielectric **72**. For example, sensor wire **64** may be an insulated wire which also has its distant end sealably and dielectrically encapsulated.

Please replace paragraph [0049] with the following amended paragraph:

[0049] In the exemplary embodiment, electric power for wireless communication device **58** and capacitive sensing alarm circuit **60** is provided by battery **56**; however, other sources, for example solar power, could be used. Alarm circuit **60** has a low power requirement and wireless communication device ~~[[20]]~~ **58** is typically unpowered until activated by alarm

circuit **60**. Therefore, alkaline, lithium, or other long-lasting batteries can provide sufficient power to support the operation of sensor module **22** for several years.

Please replace paragraph [0050] with the following amended paragraph:

[0050] Referring now to Fig. 2B, in the exemplary embodiment, wireless communication device **58** includes communication receiver/transmitter **58a**, which is coupled to antenna cable **66** and antenna **82**, processor/software **59**, and data controller **58b**, which receives inputs and modem supply Vcc for powering communication device **58** from data interface **60d** of capacitive sensing alarm circuit **60**. Capacitive sensing alarm circuit **60** may include liquid level sensor **60a**, which is coupled to probe **70**, still alive timer **94**, battery low sensor **96**, built-in test (BIT) device **60b**, communication device power latch and driver **60c**, and data interface ~~[[60e]]~~ **60d**.

Please replace paragraph [0051] with the following amended paragraph:

[0051] Liquid level sensor **60a** is capable of detecting a high and low liquid levels on probe **70**, and producing an output signal which is receivable by power latch and driver **60c** and data interface **60d**. Still alive timer **94** produces an output signal upon a pre-determined timer interval, the output signal receivable by latch and driver **60c** and data interface **60d**. Battery low sensor **96** monitors battery **56** and produces an output signal upon battery power dropping below a pre-determined level. The output signal from battery low sensor **96** is receivable by latch and driver **60c**. BIT device **60b** is capable of receiving an operator signal and initiating a BIT test. BIT device **60b** produces an output signal receivable by power latch and driver **60c** and data interface **60d**. ~~Communication device power latch and driver **60c** and data interface **60d**.~~ Communication device power latch and driver **60c** produces modem supply Vcc for powering communication device **58** upon latch and driver **60c** receiving an input signal from liquid level sensor **60a**, still alive timer **94**, battery low sensor **96**, or BIT device **60b**. Latch and driver **60c** driven modem supply Vcc continues for a pre-determined interval upon termination of the input signals.

Please replace paragraph [0053] with the following amended paragraph:

[0053] Event message generator **59c** generates event message **34** depending upon pre-determined programming, parameters stored in memory **59f**, input signals received from alarm circuit **60** and processing system **28**, via communication receiver transmitter **58a**, and input from power/wake/sleep control **59b**. Additionally, event message generator **59c** may incorporate an identifying code for sensor module **22**, which is received from identifying code generator **59d**. Timer **59e** may be used for waking wireless communication device ~~[[58d]]~~ **58** on a pre-determined periodic interval in order to perform a pre-determined function, for example, transmitting a pre-determined event message. Power/wake/sleep control **59b** may also place ~~communication's~~ communication device **58** in a low power sleep state upon expiration of a pre-determined timer interval received from timer **59e**, the timer interval being reset each time an input signal state received by data controller **58b** changes.

Please replace paragraph [0069] with the following amended paragraph:

[0069] The method illustrated by the flowchart of Fig. 6 provides installation and registration of sensor module **22** with processing system **28**, shown in Fig. 1. The method begins in step 150. In step 152, sensor module **22** and antenna **82** are physically installed at the desired location of wastewater handling system **31**. In step 154, communication is initiated between WAP device **24** and ~~system processor 154~~ processing system 28. The communication may be provided through existing communication network **26** and internet **46**, for example, by accessing processing system **28** via web-enabled WAP device **24**.

Please replace paragraph [0073] with the following amended paragraph:

[0073] Referring to Figs. 7A and 7B, the steps of the operation of wireless communications device **58** are illustrated by the flowchart. In the preferred embodiment, wireless communications device ~~[[28]]~~ **58** is a wireless modem having processor and software **59**. At least a portion of the illustrated steps are implemented by processor and software **59** and may be loaded into communication device **58** via serial programming port **J4** (Fig. 5B) or by wireless transmission to communication device **58**. Pins **2** and **3** of connector **J4** provide transmit and receive and pin **16** of **J1** provides active low Request to Send and pin **19** of **J1**

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provides active low Data Terminal Ready for a serial connection with communication device
58.

Please replace paragraph [0088] with the following amended paragraph:

[0088] While this invention has been described as having exemplary embodiments and scenarios, the present invention can be further modified within the spirit and scope of this disclosure. This application is therefore intended to cover any variations, uses, or adaptations [[or]] of the invention using its general principles. Further, this application is intended to cover such departures from the present disclosure as come within known or customary practice in the art to which this invention pertains and which fall within the limits of the appended claims.